

## Product datasheet for **RC223490L4V**

### **PORCN (NM\_022825) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PORCN (NM_022825) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PORCN
Synonyms:	DHOF; FODH; MG61; PORC; PPN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022825
ORF Size:	1350 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223490).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_022825.2</a>
RefSeq Size:	1849 bp
RefSeq ORF:	1353 bp
Locus ID:	64840
UniProt ID:	<a href="#">Q9H237</a>
Cytogenetics:	Xp11.23
Domains:	MBOAT
Protein Families:	Transmembrane



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**Protein Pathways:** Wnt signaling pathway

**MW:** 50.8 kDa

**Gene Summary:** This gene belongs to the evolutionarily conserved porcupine (Porc) gene family. Genes of the porcupine family encode endoplasmic reticulum proteins with multiple transmembrane domains. Porcupine proteins are involved in the processing of Wnt (wingless and int homologue) proteins. Disruption of this gene is associated with focal dermal hypoplasia, and the encoded protein has been implicated in cancer. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Aug 2013]